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Unit 5 Assignment 1 Learning Aim A Student Guide Distinction

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Learning Aim A: Investigate data modelling and how it can be used in the decision-making process

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Evidence for: A.P1

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A.P1 Stages in the Decision Making Process: The Scenario

Include a brief paragraph explaining what a scenario is.

Explain the scenario you will be using.

The Scenario is the business requirement for which you need to design the data model

Resources and Information	Textbook page 280
Have I done This?	
Am I confident on This?	

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A.P1 Stages in the Decision Making Process: Identifying Information and Sources

Component	Definition	Example
Information Required		
Information Already Available		
Additional Information needed		
Sources of additional information		
Requirements for verifying sources		

Resources and Information	Textbook pages 281 - 282
Have I done This?	
Am I confident on This?	

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A.P1 Stages in the Decision Making Process: Factors Affecting Information Quality

Factor	How This Will Affect Quality	Example From your Scenario
Data Currency: (how recent)		
Data Accuracy: (any errors?)		
External Factors:		
Factor 1:		
Factor 2:		

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A.P1 Stages in the Decision Making Process: Analysing Information

Briefly explain what is meant by Analysis.

Information	Analysis
List some of the information you need in your scenario	Briefly analyse this information to see if it is useful or not.
e.g. the cost per kilo of cheese	This is very useful to the scenario because it allows the calculation of the total cost of cheese purchased

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A.PI Stages in the Decision Making Process: Identify Alternatives

Alternative	Description of Alternatives
List as many alternatives as you can	Explain briefly what these Alternatives do
e.g. presentation of data as a web page	e.G The data could be presented as a website using a live feed from any currency exchange databases to make sure the information is up to date

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A.P1 Stages in the Decision Making Process: Consequences of Implementing Alternatives

Alternative	Implication of Alternatives
List as many alternatives as you can	Explain briefly what the implication of using these alternatives will be
e.g. presentation of data as a web page	e.g. The implication is that there will need to be a webserver and a database server available all the time with a secure connection to the exchange database. This will be expensive and time consuming to create.

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A.D1 Evaluate Documentation

Evaluate how the documentation contributes to the decision making process for data modelling. Remember this is not about making a good spreadsheet, but about the **decision making process.**

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the documentation either does or does not contribute to the decision making process.

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